

# **Appendix A**

## **Components of Long Term Resource Monitoring Program (LTRMP) Hydrographic Survey Systems**

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### **Dolphin Survey System by Ross Laboratories, Seattle, WA**

Ross Laboratories Survey system: Model 5001 recorder, Model 4401 transceiver, Model 6801 digitizer, 200-kHz 3.5-deg transducer, steering indicator  
Del Norte 542 Trisponder System: Model 542 digital distance measuring unit, Model 217E master transmitter/receiver with  $360 \times 19$  antenna, Model 217E remote transmitter/receiver with  $110 \times 7$  antenna(4)  
HP9000 Model 520 computer  
Ross Dolphin System software

### **Portable Hydrographic Survey System by Innerspace Technology, Inc., Waldwick, NJ**

Model 448 Thermal Depth Sounder Recorder with 208-kHz 3-deg transducer, Model 603 Remote Indicator  
Model 610 REF Motorola 620 System Interface GPS Receiver with Starlink  
MRB-2A MSK beacon receiver  
486DX computer with EGA display  
ITI Field/Office software

## **Hypack Survey System by Coastal Oceanographics, Middlefield, CT**

Model 448 Thermal Depth Sounder Recorder with 208-kHz 3-deg transducer  
Starlink DNAV-212G/MBA-2 – 1-m 2DRMS accuracy integrated  
12-channel DGPS and 2-channel automatic MSK beacon receiver  
Dell Latitude LM M166MMX Notebook with Windows 95  
Hypack Lite Hydrographic Survey Software